

Patent Abstracts of Japan

PUBLICATION NUMBER : 01318982
 PUBLICATION DATE : 25-12-89

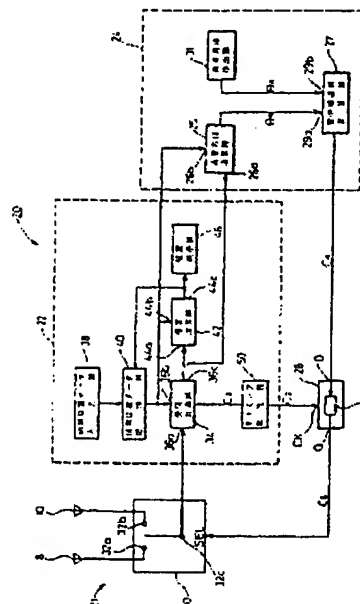
APPLICATION DATE : 20-06-88
 APPLICATION NUMBER : 63151524

APPLICANT : JAPAN RADIO CO LTD;

INVENTOR : SEKINE CHOGO;

INT.CL. : G01S 5/14 H04B 7/08

TITLE : GPS RECEIVER FOR DIVERSITY
 RECEPTION



ABSTRACT : PURPOSE: To remove the dead zones in the fields of views of antennas by constituting a GPS receiver as a diversity receiver having two or more receiving antennas, and automatically switching and using the receiving antennas.

CONSTITUTION: Bearing data θA of own vehicle which are supplied from an own-vehicle bearing detector 31 are frequently changed every time the automobile changes the direction. At every time of change, an antenna selecting operator 27 refers to a lookup table LUT and determines a receiving antenna which is used to receive the respective signals from first to fourth satellites S_1 - S_4 . Then, output data C_4 are outputted. As a result, the signal from the respective GPS satellite continues to reach a reception measuring part 34 by way of the receiving antenna which is not hindered with the roof of the automobile.

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